

**COMBINATION PERSONAL DATA ASSISTANT AND PERSONAL COMPUTING  
SYSTEM DYNAMIC MEMORY RECLAMATION**

La Vaughn F. Watts, Jr.  
Nobuyuki Albert Sato  
Gary Douglas Huber

**ABSTRACT OF THE DISCLOSURE**

In order to continually receive messages in a dual personal computer system (PC) and personal digital assistant system (PDA) computer architecture, the PC system is deactivated to conserve battery power while the PDA continues to receive messages. As PDA memory is filled with messages, messages that are synchronized and archived with the PC system are deleted and space is freed for incoming messages. When new and non-synchronized messages completely fill the PDA memory array, the PC system is reactivated or the user is informed.